TO ARCHITECTS, BUILDERS, &c.

CHEAP GAS FITTING and BELLHANGING.—Public and private buildings fitted up with iron tubes for gas, at 4d. per foot run. Bells hung in concert with Pneumatic levers, complete, at 7s. per pull. Contracts taken for any part of the kingdom. BARRATT, Gas Fitter and Bellhanger, 13, Spa-road, Bermondsey.—AN APPRENTICE WANTED.

IRON BUILDING and ROOFING WORKS, BIRMINGHAM, late of Southwark.
JOHN H. PORTER,
Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, theatres, &c. &c.
PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.
LONDON—Office, 24, Cornhill.

THE PATENT GALVANIZED IRON, TUPPER and CARR,
Owners of Crawford's Patents, and successors to
THE GALVANIZED IRON COMPANY,
supply patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Castings, Wire of all sorts, Guttering, Hooping, &c. Wholesale, retail, and for export.
An allowance to the trade.
WORKS—REGENT'S CANAL WHARF, LIMEHOUSE, and BIRMINGHAM.
LONDON OFFICE, 3, MANSION-HOUSE PLACE.

THE PATENT (IMPROVED) GALVANISED IRON.
JOHN SYMONDS and CO. solicit the attention of merchants, builders, contractors, and others to the improvements they have made in working CHANTRUND'S PATENT, by which they are enabled not only to preserve the toughness and ductility of the iron, but to supply galvanized sheet-iron and wire of every description, superior in all respects to that produced by any other process.
Estimates given for iron roofs, corrugated sheds, houses, wire for telegraphs and Submarine Cables, wire ropes, fencing, &c.
Emigrants and Shippers to the Gold Regions supplied with J. S. and Co.'s PATENT GALVANIZED IRON GOLD WASHING MACHINES.
N.B.—Circulars containing estimates for roofs fixed complete, lists of prices, and every other information, forwarded on application.
OFFICES—19, CIRCUS, MINORIES.
WORKS—GLASS-HOUSE-YARD, opposite the principal entrance to the London Docks.

GEORGE ROBINSON, DENNIS-PARK IRON FOUNDRY and GALVANISED IRON WORKS, near STOURBRIDGE.—Prices for GALVANISING SHEET IRON as follows:—

No. 12, W. G. 3s. 3d. per cwt.		No. 20, W. G. 4s.	per cwt.
No. 14, W. G. 3s. 6d.	"	No. 22, W. G. 4s. 6d.	"
No. 16, W. G. 3s.	"	No. 24, W. G. 5s. 6d.	"
No. 18, W. G. 3s. 6d.	"	No. 26, W. G. 12s. 6d.	"

Parties requiring Sheet Iron Galvanized may have it done with despatch.

LOSH, WILSON, and BELL, NEWCASTLE-ON-TYNE,
Manufacturers of Bar Iron, Railway Bars, Forge and Engine Work, Cast-iron Girders, and
STEWART'S PATENT CAST-IRON GAS and WATER PIPES.
Office, No. 7, Size-lane, London.

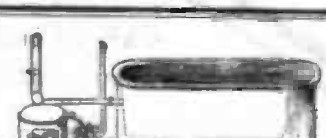
TO IRONMASTERS, RAILWAY DIRECTORS, ENGINEERS, and FOUNDERS.—The Subscriber having been appointed SOLE AGENT in LONDON for the SALE of Mr. WILLIAM STIRLING'S PATENT IRON, begs to intimate that he is prepared to supply railway companies, engineers, and others, with the PATENT MALLEABLE and TOUGHENED CAST-IRON, and that all orders addressed to him for them, and also for RAILS, with hardened surfaces, shall have his prompt attention. Specimens of the different irons shown, and every information afforded on application. Information as to the terms of licenses under Mr. Stirling's Patents will be given by the Subscriber, and also by Mr. JAS. CH. G. John-street, Adelphi, Peel's Wharf, 28, Upper Thames-street. A. MACSAUGHT.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and Co., 44 and 45, Berkley-street, Where a great variety are always on view for church, park, railroad, coachhouse, and other gates and doors of large and small dimensions, a gate of a ton weight moving with three hinges as easily as a wicket. Ornamental hinges, patented for drawing-room, &c.; doors fitted with them may be removed and replaced in an instant. Rising and down-falling spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lamb's Pluin and ornamental cast and wrought iron work, for building and other purposes. Engines, machinery, patent axletrees, engine-cranks, &c.

GAS CHANDELIERS, HALL LANTERNS, &c.—To Gas-fitters, Ironmongers, and the Trade generally.—The most complete assortment in London of every description of Gas-fittings, suitable for drawing and dining rooms, libraries, halls, &c. Every article manufactured on the premises, and marked with the wholesale price. Dr. Arnott's improved Ventilators, Patent Gas Meters, &c., at D. HULETT and CO.'s, 45 and 46, HIGH HOLBORN.—N.B. Large pattern book of engravings, with prices list, 10s.; small ditto, 5s. D. Hulett's improved Service Cleanser.

TO BE SOLD, a splendid ROSE ENGINE, with a variety of ornamental Chucks, a complete set of tools, and apparatus for grinding and polishing. Also, a small neat LATHE, suitable for a young gentleman or an amateur turner.—Apply to Mr. T. STEVENS, No. 8, Union-street, Herrington-square, Borough.

STEAM ENGINES (Portable).—Contractors and Manufacturers requiring steam engines without delay or expense of brick-work, fixing chimney, &c. are invited to inspect MEDWIN and HALL'S IMPROVED PORTABLE STEAM ENGINE, strong, simple, and efficient; manufactured from 3-horse to 20-horse power and upwards, with and without wheels. The engine mounted on the boiler, from stemmer, &c. ready for immediate use. Several on sale of various powers, or to be let on hire.—Apply to Messrs. MEDWIN and HALL, Engineers, 33, Blackfriars-road, where they may be seen at work.



BATHS.—J. TYLOR and SON'S REGISTERED APPARATUS, consisting of Copper (or galvanized Iron Bath (improved in imitation of wood or marble). Hard in Frame, complete, with Copper Circulating Boiler and Cock with Under-plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of bricklayer or carpenter. A warm bath can be ready for use in less than half an hour, at the cost of 2d. for fuel. Price 10 guineas.—Apply to the Ironmongers and Plumbers, or the Manufacturers, J. TYLOR and SON, Warwick-lane, London.

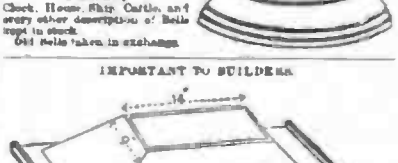
ROBSON and SON'S IMPROVED WHEEL TIRE, for lessening the draught of Vehicles, and reducing the friction upon the axle.—R. and Son, Wheelwrights and Hoop Tire-smiths, having received an Improved Iron, which (if properly used by a person so entitled), are prepared to tire wheels with the above iron, which has many advantages over the flat tire, as the strain is removed from the fellies and nails edges to the centre, thereby decreasing the draught greatly, in vehicles with stretch tire and under. N.B. Old wheels can be now tired with the above iron.—Lists of prices may be had on application at the Factory, Leopold-street, and Leyton-street, Gray's-inn Road, London.

JENNINGS'S PATENT SHOP SHUTTER-BRACE and FASTENER cures HALF the EVILS of the ordinary SHUTTER BAR.
May be had from any Ironmonger, or from the Patentee, GEORGE JENNINGS, 29, Great Charlotte-street, Blackfriars-road.

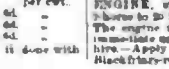
CHURCH and TURRET BELLS, EXHIBITION PRIZE MEDAL awarded to
J. WARNER and SONS,
BELL FOUNDERS AND ENGINEERS,
who are prepared to contract for the supply of
CHURCH BELLS
of any weight or key, singly or in peals, of superior tone. Peals augmented, cracked bells recast, rehung &c.

MUSICAL HAND BELLS,
Clock, House, Ship, Cattle, and every other description of Bells kept in stock.
Old bells taken in exchange.

IMPORTANT TO BUILDERS.



RÉGISTERED CAST-IRON CHIMNEY-HOPPER and CHIMNEY-BAR COMBINED, ensuring a perfect formula of the Flue, and rendering smoky chimneys impossible. One trial will cause their adoption in every building. Price from 4s. 6d. each, according to size.
CAST-IRON KITCHEN SINKS, with overflow-pipe, 3s. 6d. each.
IRON PIPES and connections for gas, water, and liquid manure.
RAIN-WATER PIPE and EAVE GUTTERS, at wholesale prices. Also O. G. gutters, sash-weights, STABLE FITTINGS, pumps, bomb railing, cattle and pig troughs, and CULVERTS with caps and bases, and every kind of builders' castings, in stock, at LEWIS WHITE'S Iron Wharf, Upper Ground-street, London, near Blackfriars-bridge.

IRON ROOF
By Royal

WORKS.
Letters Patent.

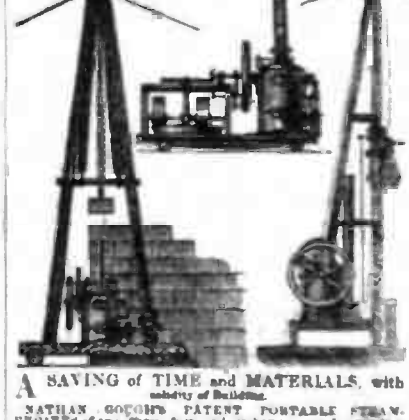
JOHN WALKER, SON OF THE PATENTEE, GENERAL CONTRACTOR,
Having extended his means for executing Orders, and Contracts for
CORRUGATED IRON BUILDINGS AND ROOFS,
Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c.
Merchants are invited to ascertain his Prices for shipping Orders. The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated. References to Firms of the first class.
FIRE-PROOF FLOORING.
The earnest attention of ARCHITECTS, ENGINEERS, &c. &c. is called to a particularly economical mode of erecting Fire-proof Floors capable of sustaining great weight, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained at the Offices,
63, GRACECHURCH-STREET, LONDON.

BRICK AND TILE MACHINES.
The Proprietors of HART'S PATENT BRICK and TILE MACHINES are now prepared to receive and execute orders with the least possible delay, but to prevent disappointment, they beg to state that they will rigidly adhere to the order in which they are received.
The advantages of the Brick Machine may be shortly described:—
1st. The clay is pugged and the brick moulded by the same motion, and may be produced from clay that cannot be worked by hand.
2nd. The bricks are superior in quality to hand-made, being of a uniform density.
3rd. The bricks pass from the mould to the pallet-boards without injury by handling, and are much sooner ready for the clamp.
4th. Is self-acting, portable, dispenses with skilled labour, and enables a contractor to estimate his product with certainty.
5th. Is warranted with two-horse power to make 3,000 bricks per hour, and will continue in working order for years.
6th. Saves 3s. 6d. per 1,000 in labour alone in the actual manufacture, but which will be found to be trifling compared with the enormous advantages in the use of untempered clay and the shortness of the time required between the mould and clamp.
The above statements will be fully borne out on reference to any person using a Machine, and are confirmed by the performance of a Machine at the Yorkshire Agricultural Show, on the 7th of August, when, after a severe test, a Prize Medal was awarded to the Inventor, when the Machine made 3,700 first-rate Bricks within the hour.
Price ..... £200, net.

THE DOUBLE-ACTION HOLLOW-BRICK AND TILE MACHINE
Is very simple in construction, made entirely of iron, and will make with great rapidity. Hollow bricks of all sizes, and pipes of 4 inches diameter, and mouldings of 6 inches diameter; has two receiving tables, and may be worked by hand, horse, or steam power; travels on wheels, and may be worked by any ordinary labourer. If required, the dies for Robert's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde-park, are manufactured for, and supplied with this machine.
Price for Hand Machine, complete ..... £30, net.
Horse or Steam ..... 35, or
The price for horse work to drive one tile machine, 5l.; for two, 8l. 10s.; for three, 11l.
One horse will drive three machines.
Orders and communications are requested to be addressed to Mr. HENRY C. MOUNT, 10, Clement's-inn, London.

GLOOMY and DARK ROOMS
ILLUMINED BY THE LIGHT OF DAY
BY THE
PATENT COMBINATION REFLECTORS;
AND
WINDOWS SECURED AGAINST FIRE AND BURGLARY.
A Description, post-free, on application to
BOYD and CHAPMAN (late J. Boyd and Son), SOLE MANUFACTURERS,
78, WELBECK-STREET, CAVENDISH-SQUARE.
ORSI AND ARMANI'S

PATENT METALLIC LAVA,
BROWN, WHITE, AND ORNAMENTAL,
AND
SEYSSEL ASPHALTE.
Messrs. O. and A. beg to inform ARCHITECTS, BUILDERS, &c. that in addition to their BROWN LAVA for floorings, roofings, &c. and their WHITE and ORNAMENTAL LAVA, for interiors of churches, halls, museums, vestibules (and in consequence of CLARIDGE'S PATENT for SEYSSEL ASPHALTE having expired), they are now ready to contract for work to any extent in GENUINE SEYSSEL ASPHALTE, imported by them from the original mines of Seyssel, and by their List of Prices, Architects, Builders, and Contractors will see a GREAT REDUCTION from those of any other importer.
A GUARANTEE IS GIVEN for work executed by O. and A. for THREE YEARS, free of any expenses.
For particulars, samples, and list of prices, at the Office, 6, Guildhall-chambers, Basinghall-street, City.
July, 1853.



A SAVING of TIME and MATERIALS, with solidity of Building.
NATHAN GOODE'S PATENT PORTABLE STEAM-ENGINES of two, three, four, and six-horse power, for grinding mortar, raising building materials, driving pulps, circular saws, pumps &c. 46, Albert-street, Manchester.
TESTIMONIAL
From the Trustees of the Birkenhead Docks.
"Engineer's Office, Dock yard, Birkenhead, 31st July, 1851.
"Nathan Goode, Esq.
"Sir,—I have much pleasure in informing you that the three-horse engine which you have placed in the Caisson has proved its purpose admirable, doing the work much better, more cheaply, and more expeditiously than it could accomplish. From its portability and lightness, it is peculiarly adapted for such a purpose.
"I am, Sir, your obedient servant,
"JAS. ABERNETHY."

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